



04/20/2004 13:55 FAX 650 833 2001

GCW&amp;F #3

003

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSU, EE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

01/23/2004

TIMOTHY W LOHSE  
PATENT DEPARTMENT  
GRAY CARY WARE & FREIDENRICH  
400 HAMILTON AVENUE  
PALO ALTO, CA 943011825

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSU FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Cathy Pittman

(Depositor's name)

(Signature)

April 20, 2004

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/376,867	08/18/1999	ELIEZER PASTERNAK	B0259-1100	7051

TITLE OF INVENTION: DIRECT DIGITALLY TUNABLE MICROWAVE OSCILLATORS AND FILTERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665	\$0	\$665	04/23/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
HA, NGUYEN T	2831	361-303000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

GRAY CARY WARE &  
FREIDENRICH LLP

2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

BRIDGEWAVE COMMUNICATIONS, INC.

SANTA CLARA, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☐ Publication Fee☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 07-1896 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

Gray Cary Ware &amp; Freidenrich LLP

(Authorized Signature)

(Date)

By:

April 20, 2004

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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04/21/2004 AWONDAF2 00000048 071896 09376867

01 FC:2501  
02 FC:8001665.00 DA  
30.00 DA



# FEE TRANSMITTAL

## for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 715.00

## Complete if Known

Application Number	09/376,867
Filing Date	August 18, 1999
First Named Inventor	Eliezer Pasternak
Examiner Name	Nguyen T. Ha
Art Unit	2831
Attorney Docket No.	2100259-991100

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

07-1896

Gray Cary Ware &amp; Freidenrich LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1) (\$)					0.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	280	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	280	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	665
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) Advance patent copy fee					30
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$)					715.00

## SUBMITTED BY

Name (Print/Type)

Timothy W. Lohse

Registration No.  
(Attorney/Agent)

35,255

(Complete if applicable)

Telephone 650-833-2055

Signature

Date

April 20, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

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**FAX TRANSMISSION COVER SHEET****April 20, 2004**To:

**U.S. Patent and Trademark Office  
Mail Stop Issue Fee**

Telephone:Fax Number:**1- 703-746-4000**

**From: Timothy W. Lohse  
650-833-2055**

**Attorney Docket Number: 2100259-991100**

**Re: U.S. Patent Application:  
Serial No.: 09/376,867  
Title: DIRECT DIGITALLY TUNABLE MICROWAVE OSCILLATORS AND FILTERS**

**Filing Date: August 18, 1999**

**Pages: - 5 - (including this form) Originals: ☐ will be mailed ☒ will not be mailed**

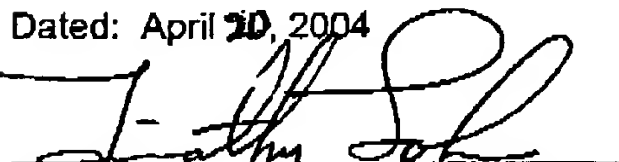
**If there is a problem with this transmission, please call (650) 833-1548  
Fax Operator/Ext.**

**Message:**In re:

**Application S/N : 09/376,867  
Filed: August 18, 1999  
Examiner: Nguyen T. Ha  
Art Unit: 2831**

1. Transmittal Form (1 pg);
2. Part B – Issue Fee Transmittal (1 pg);
3. Fee Transmittal FY 2004 (1 pg); and
3. Certificate of Facsimile Transmission;

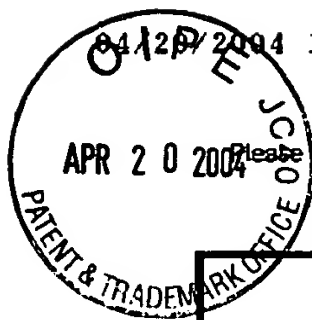
**Dated: April 20, 2004**

  
**Timothy W. Lohse, Reg. No. 35,255**

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(Form Rev. 6/5/00)



APR 20 2004

Please type a plus sign (+) inside this box

+

PTO/SB/21 (08-00)

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/376,867	
	Filing Date	August 18, 1999	
	First Named Inventor	Ellezer Pasternak	
	Group Art Unit	2831	
	Examiner Name	Nguyen T. Ha	
Total Number of Pages in This Submission	3	Attorney Docket Number	2100259-991100

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s): Part B - Issue fee Transmittal (1 pg); Cert of Facsimile Transmission (1 pg);
Remarks		

☒ Customer Number or Bar Code Label

26379

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1896. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GRAY CARY WARE &amp; FRIEDENRICH LLP

Dated: April 20, 2004

By:

Timothy W. Lohse  
Reg. No. 35,255  
Attorneys for Applicant(s)  
2000 University Avenue  
East Palo Alto, CA 94303  
Telephone No. 650-833-2055

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being facsimile transmitted to fax no. 703-746-4000 the United States Patent and Trademark Office to: Commissioner for Patents, Mail Stop Issue Fee, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Typed or printed name	Cathy Pittman	Date	April 20, 2004
Signature			

Gray Cary\EM\7164281.1



Docket No. 2100259-991100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Eliezer Pasternack

Serial No. 09/376,867

Group Art Unit: 2831


Filed: August 18, 1999

Examiner: Nguyen T. Ha

Title: DIRECT DIGITALLY TUNABLE MICROWAVE OSCILLATORS  
AND FILTERS

**Certificate of Facsimile Transmission under 37 CFR 1.8**

I hereby certify that the following correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Mail Stop Issue Fee, at (703) 746-4000 on April 20, 2004:

  
Cathy Pittman

1. Transmittal Form (1 pg);
2. Part B – Issue Fee Transmittal (1 pg);
3. Fee Transmittal FY 2004 (1 pg);
4. Certificate of Facsimile Transmission (1 pg);

